PTO/SB/17 (11-01)

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## **FEE TRANSMITTAL** for FY 2002 Patent fees are subject to annual revision.

Examiner Name Applicant claims small entity status. See 37 CFR 1.27 1638 Group Art Unit

10/055797 Application Number Filing Date January 22, 2002 First Named Inventor David Beach Not Yet Assigned GNCA-P03-007

The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply)   The Commissioner is hereby authorized to: check all that apply apply   The Commissioner is hereby authorized to: check all that apply   The Commissioner is hereby authorized to: check all that apply   The Commissioner is hereby authorized to: check all that appl	TOTAL	ATMENT	(\$) 2,401.00	Allottley booket No.									
Large Entity   Small Entity   Fee   Fee   Peeceptition   Fee Paid	ME	THOD C	F PA	YMENT (check a	i that apply)	FEE CALCULATION (continued)							
Large Entity   Small Entity   Fee   Fee   Code   (3)   Code   (4)   Code   (5)   Code   (6)   Code   (6)   Code   (7)							3. ADDITIONAL FEES						
Ropes & Gray	χ Dep	sit Accou	nt ´				Emtitus	C	II Catitu				
Ropes & Gray   127 50 227 25   Surcharge - late provisional filing fee or cover sheet.   128    139   130   139	Account	int   18-1945				Fee	Fee	Fee	Fee	-	Fee Paid		
Name			Ro	pes & Gray		105	130	205	65	Surcharge – late filing fee or oath	65.00		
X   Charge any additional fee(s) during the pendency of this application   Charge fee(s) indicated below, except for the filling fee   112 920*   112 920*   Requesting publication of SIR prior to Examiner action   Reques		issioner i		<u> </u>	heck all that apply)	127	50	227	25				
Charge fee(s) indicated below, except for the filing fee   112 920*   112 920*   Requesting publication of SIR prior to Examiner action   113 1,840*   113 1,840*   113 1,840*   113 1,840*   114 1,140*   115 110 215 55   Extension for reply within first month   115 110 215 55   Extension for reply within second month   116 400 216 200   Extension for reply within second month   117 920 217 460   Extension for reply within second month   117 920 217 460   Extension for reply within first month   117 920 217 460   Extension for reply within fourth month   117 920 217 460   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   117 920 217 460   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   118 1,440 218 720   Extension for reply within first month   119 210 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 219 210   120 210	X Charg	pelow X Cred	lit any overpayments	139	130	139	130	Non-English specification					
112   920*   112   920*   112   920*   112   920*   113   1,840*		e(s) during the pende	ncy of this	147	2,520	147	2,520	For filing a request for ex parte reexamination					
Substitution   Subs	) <del>[===</del>						920*	112	920°				
1. BASIC FILING FEE   Large Entity   Small Entity   Fee	to the above-identified deposit account.						1,840*	113	1,840*				
Large Entity   Small Entity   Small Entity   Fee   Fee   Gode   Span   Code   Span   Fee   Pee   Code   Span   Code   Span   Code   Span   Span   Code   Span   Span   Code   Span   Span   Span   Code   Span   S	FEE CALCULATION						110	215	55	Extension for reply within first month			
Fee   Fee   Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code   Code   (\$)   Code   Code	1. BASIC	FILING	FEE			116	400	216	200	Extension for reply within second month			
Code   (\$)	Large Entit	y Small	Entity	_		117	920	217	460	Extension for reply within third month			
106   330   206   165   Design filing fee   19   320   219   160   Notice of Appeal   107   510   207   255   Plant filing fee   120   320   220   160   Filing a brief in support of an appeal   120   320   221   140   Request for oral hearing   138   1,510   Petition to institute a public use proceeding   140   110   240   55   Petition to revive - unavoidable   140   110   240   55   Petition to revive - unavoidable   140   110   240   55   Petition to revive - unavoidable   140   110   240   55   Petition to revive - unavoidable   140   150   241   280   241				Fee Descripti	on Fee Paid	118	1,440	218	720	Extension for reply within fourth month			
107   510   207   255   Plant filing fee   120   320   220   160   Filing a brief in support of an appeal   121   280   221   140   Request for oral hearing   138   1,510   138   1,510   Petition to institute a public use proceeding   140   110   240   55   Petition to revive – unavoidable   141   1,280   241   640   Petition to revive – unavoidable   141   1,280   241   640   Petition to revive – unavoidable   141   1,280   241   640   Petition to revive – unavoidable   141   1,280   241   640   Petition to revive – unavoidable   141   1,280   242   640   Utility issue fee (or reissue)   143   460   243   230   Design issue fee   143   460   243   230   Design issue fee   144   620   244   310   Plant issue fee   144   620   244   310   Plant issue fee   144   620   144	101 740	201	370	Utility filing fee	370.00	128	1,960	228	980	Extension for reply within fifth month	980.00		
108   740   208   370   Reissue filing fee   121   280   221   140   Request for oral hearing   138   1,510   Pelition to institute a public use proceeding   140   110   240   55   Pelition to revive - unavoidable   141   1,280   241   640   Pelition to revive - unavoidable   141   1,280   241   640   Pelition to revive - unavoidable   141   1,280   241   640   Pelition to revive - unintentional   142   1,280   242   640   Utility issue fee (or reissue)   143   460   243   230   Design issue fee   143   460   243   230   Design issue fee   144   620   244   310   Plant issue fee   144   620   244   310   Plant issue fee   140   120   120   130   Pelitions to the Commissioner   140   120   122   130   122   130   Pelitions to the Commissioner   140   123   123   123   123   124   130   Pelitions to the Commissioner   140   126   180   Submission of Information Disclosure Stm1   140   180   180   203   9   Claims in excess of 20   146   740   246   370   Filing a submission after final rejection (37 CFR 1.129(a))   149   740   249   370   Request for oral hearing   140	106 330	206	165	Design filing fee		119	320	219	160	Notice of Appeal			
114   160   214   80   Provisional filing fee	107 510	207	255	Plant filing fee		120	320	220	160	Filing a brief in support of an appeal			
SUBTOTAL (1) \$ 370.00   140 110 240 55 Petition to revive – unavoidable   141 1,280 241 640 Petition to revive – unintentional   141 1,280 241 640 Petition to revive – unintentional   141 1,280 241 640 Petition to revive – unintentional   141 1,280 241 640 Petition to revive – unintentional   142 1,280 242 640 Utility issue fee (or reissue)   142 1,280 242 640 Utility issue fee   143 460 243 230 Design issue fee   143 460 243 230 Design issue fee   143 460 243 230 Design issue fee   144 620 244 310 Plant issue fee   145 145 145 145 145 145 145 145 145 145	108 74	208	370	Reissue filing fee		121	280	221	140	Request for oral hearing			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	114 16	214	80	Provisional filing for	е	138	1,510	138	1,510	Petition to institute a public use proceeding			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   Claims	01177741 (4) (2)					140	110	240	55	Petition to revive - unavoidable			
Extra   Claims   Recording   Recording   Submission after final rejection   Security   Substortal (2)   Substortal (24	1	BIOTAL (1) (3)	370.00	141	1,280	241	640	Petition to revive - unintentional					
Total Claims	2. EXTR	S FOR UTILITY	AND REISSUE	142	1,280	242	640	Utility issue fee (or reissue)					
Independent   9   -3** = 6   x   42.00   = 252.00   122   130   122   130   Petitions to the Commissioner	Extra Fee from Foe Paid						460	243	230	Design issue fee			
Claims	Total Claim:	86	-20**	≈ 66 x 9.00	594.00	144	620	244	310	Plant issue fee			
Multiple Dependent  Large Entity Small Entity  Fee Fee Code (\$) Code (\$) Pee Code (\$) Code (\$) Pee Description  103 18 203 9 Claims in excess of 20 146 740 246 370 Filing a submission after final rejection (37 CFR 1.129(a))  104 280 204 140 Multiple dependent claims in excess of 3 149 740 249 370 For each additional invention to be examined (37 CFR 1.129(b))  109 84 209 42 Reissue independent claims over original patent 101 18 210 9 Reissue claims in excess of 20 and over original patent  100 18 210 9 Reissue claims in excess of 20 and over original patent 101 18 210 9 Reissue claims in excess of 20 and over original patent 102 (\$) 986.00  123 50 Processing fee under 37 CFR 1.17(q)  126 180 Submission of Information Disclosure Stm1 Recording each patent assignment per property (times number of properties)  146 740 246 370 Filing a submission after final rejection (37 CFR 1.129(a))  149 740 249 370 For each additional invention to be examined (37 CFR 1.129(b))  150 279 370 Request for Continued Examination (RCE)  169 900 169 900 Request for expedited examination of a design application  170 270 270 Request for expedited examination of a design application  170 270 270 Request for expedited examination of a design application							130	122	130	Petitions to the Commissioner	[		
Fee Fee Fee Code (\$) Code (\$) Fee Description  103 18 203 9 Claims in excess of 20 102 84 202 42 Independent claims in excess of 3  104 280 204 140 Multiple dependent claims in tot paid 109 84 209 42 **Reissue independent claims over original patent 100 18 210 9 **Reissue claims in excess of 20 and over original patent  100 18 210 9 **Reissue claims in excess of 20 and over original patent  100 18 210 9 **Reissue claims in excess of 20 and over original patent  100 18 210 9 **Reissue claims in excess of 20 and over original patent  110 18 210 9 **Reissue claims in excess of 20 and over original patent  110 18 210 9 **Reissue claims in excess of 20 and over original patent  110 18 210 9 **Reissue claims in excess of 20 and over original patent  110 18 210 9 **Reissue claims in excess of 20 and over original patent  110 210 3 **Reissue claims in excess of 20 and over original patent  110 210 3 **Reissue claims in excess of 20 and over original patent  110 3 **Reissue claims in excess of 20 and over original patent  110 3 **Reissue claims in excess of 20 and over original patent  110 3 **Reissue claims in excess of 20 and over original patent  110 4 **Reissue claims in excess of 20 and over original patent  110 4 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and over original patent  110 5 **Reissue claims in excess of 20 and							50	123	50	Processing fee under 37 CFR 1.17(q)			
Fee   Fee   Fee   Fee   Gode (\$)   Gode (\$)   Fee Description   S81   40   581   40   Fee Description   S81   40   S81   40   Recording each patent assignment per property (times number of properties)   Filing a submission after final rejection (37 CFR 1.129(a))	Large Entir	y Small	Entity			126	180	126	180	Submission of Information Disclosure Stmt			
102 84 202 42 Independent claims in excess of 3 104 280 204 140 Multiple dependent claims in excess of 3 109 84 209 42 **Reissue independent claims over original patent 110 18 210 9 **Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (3) 986.00 **Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$\$ 1,045.00	Fee Fee	Fee		Fee Des	cription	581	40	581	40	property (times number of properties)			
104 280 204 140 Multiple dependent claim, if not paid 109 84 209 42 "Reissue independent claims over original patent 110 18 210 9 "Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (3) 986.00 149 740 249 370 For each additional invention to be examined (37CFR 1.129(b))  Evamined (37CFR 1.129(b)) 179 740 279 370 Request for Continued Examination (RCE) Request for expedited examination of a design application  Other fee (specify)  Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1,045.00	,	1	-			146	740	246	370				
109 84 209 42 ** Reissue independent claims over original patent 110 18 210 9 ** Reissue claims in excess of 20 and over original patent  SUBTOTAL (2) (\$) 986.00 179 740 279 370 Request for Continued Examination (RCE) 169 900 169 900 Request for expedited examination of a design application  Other fee (specify)  Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1,045.00	1	1		•		149	740	249	370				
110 18 210 9 "Reissue claims in excess of 20 and over original patent   169 900   169	109 84	209	42			179	740	279	370	•			
SUBTOTAL (2) (\$) 986.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1,045.00	110 18	210	9	** Reissue claims in	excess of 20	169	900	169	900				
	and over original patent						fee (spe	cify)			L		
or number previously paid, if greater, For Reissues, see above								Basic	Filing Fe	e Paid SUBTOTAL (3) (\$)	1,045.00		
	"or numb	er previou	sıy paid	i, if greater, For Reis	sues, see above								

SUBMITTED BY		Complete	(if applicable)
Name (Print/Type) David P. Halstead	Registration No. (Attorney/Agent) 44,735	Telephone	(617) 951-7615
Signature Signature		Date	September 30, 2002

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Dated: September 30, 2002	Signature: (Brent LaBarge)	

8914835



## TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: BIO Sequence Filing

Application Number:

10/055797

Attorney Docket

GNCA-P03-

Number:

007

## Methods and Compositions for RNA Interference

First Named Inventor: David Beach

SUBMITTED BY

Name:

Matthew P. Vincent

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36,709

Electronic Signature Mark: MPV

Date Signed: 20020927

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Attached Files:

sequence-listing

GNCA-P03-007SequenceListing.txt

biotechnology-listing-filing

GNCA-P03-007SequenceListingbio.xml

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Matthew P. Vincent

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MPV

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